



25775-CZA Sequence Listing
SEQUENCE LISTING

<110> Vogel et al., Tikva

<120> FIBRIN BINDING DOMAIN POLYPEPTIDES AND USES AND METHODS OF PRODUCING SAME

<130> 25775-CZ-AZ-A

<140> US 09/492,971

<141> 2000-01-27

<150> US 08/909,140

<151> 1997-08-11

<150> US 08/409,750

<151> 1995-03-24

<150> US 08/058,241

<151> 1993-05-04

<150> US 07/526,397

<151> 1990-05-21

<150> US 07/345,952

<151> 1989-04-28

<150> US 07/291,951

<151> 1988-12-29

<160> 40

<170> PatentIn version 3.1

25775-CZAZA Sequence Listing

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25775-CZAZA Sequence Listing

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25775-CZA ZA Sequence Listing		
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25775-CZA ZA Sequence Listing

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25775-CZA ZA Sequence Listing

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 35 40 45

Thr Cys Tyr Gly Gly Ser Arg Gly Phe Asn Cys Glu Ser Lys Pro Glu
 50 55 60

Ala Glu Glu Thr Cys Phe Asp Lys Tyr Thr Gly Asn Thr Tyr Arg Val
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Gly Asp Thr Tyr Glu Arg Pro Lys Asp Ser Met Ile Trp Asp Cys Thr
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Cys Ile Gly Ala Gly Arg Gly Arg Ile Ser Cys Thr Ile Ala Asn Arg
 100 105 110

Cys His Glu Gly Gly Gln Ser Tyr Lys Ile Gly Asp Thr Trp Arg Arg
 115 120 125

Pro His Glu Thr Gly Gly Tyr Met Leu Glu Cys Val Cys Leu Gly Asn
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Gly Lys Gly Glu Trp Thr Cys Lys Pro Ile Ala Glu Lys Cys Phe Asp
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His Ala Ala Gly Thr Ser Tyr Val Val Gly Glu Thr Trp Glu Lys Pro
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Tyr Gln Gly Trp Met Met Val Asp Cys Thr Cys Leu Gly Glu Gly Ser
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Arg Thr Ser Tyr Arg Ile Gly Asp Thr Trp Ser Lys Lys Asp Asn Arg
210 215 220

Gly Asn Leu Leu Gln Cys Ile Cys Thr Gly Asn Gly Arg Gly Glu Trp
225 230 235 240

Lys Cys Glu Arg His Thr Ser Val Gln Thr Thr Ser Ser Gly Ser Gly
245 250 255

Pro Phe Thr Asp Val Arg Ala Ala Val Tyr Gln Pro Gln Pro His Pro
260 265 270

Gln Pro Pro Pro Tyr Gly His Cys Val Thr Asp Ser Gly Val Val Tyr
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Cys Thr Cys Leu Gly Asn Gly Val Ser Cys Gln Glu Thr Ala Val Thr
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Gln Thr Tyr Gly Gly Asn Leu Asn Gly Glu Pro Cys Val Leu Pro Phe
325 330 335

Thr Tyr Asn Gly Arg Thr Phe Tyr Ser Cys Thr Thr Glu Gly Arg Gln
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Asp Gly His Leu Trp Cys Ser Thr Thr Ser Asn Tyr Glu Gln Asp Gln
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Lys Tyr Ser Phe Cys Thr Asp His Thr Val Leu Val Gln Thr Gln Gly
370 375 380

Gly Asn Ser Asn Gly Ala Leu Cys His Phe Pro Phe Leu Tyr Asn Asn
385 390 395 400

His Asn Tyr Thr Asp Cys Thr Ser Glu Gly Arg Arg Asp Asn Met Lys
405 410 415

Trp Cys Gly Thr Thr Gln Asn Tyr Asp Ala Asp Gln Lys Phe Gly Phe
420 425 430

Cys Pro Met Ala Ala His Glu Glu Ile Cys Thr Thr Asn Glu Gly Val
435 440 445

25775-CZA ZA Sequence Listing

Met Tyr Arg Ile Gly Asp Gln Trp Asp Lys Gln His Asp Met Gly His
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Met Met Arg Cys Thr Cys Val Gly Asn Gly Arg Gly Glu Trp Thr Cys
465 470 475 480

Ile Ala Tyr Ser Gln Leu Arg Asp Gln Cys Ile Val Asp Asp Ile Thr
485 490 495

Tyr Asn Val Asn Asp Thr Phe His Lys Arg His Glu Glu Gly His Met
500 505 510

Leu Asn Cys Thr Cys Phe Gly Gln Gly Arg Gly Arg Trp Lys Cys Asp
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Pro Val Asp Gln Cys Gln Asp Ser Glu Thr Gly Thr Phe Tyr Gln Ile
530 535 540

Gly Asp Ser Trp Glu Lys Tyr Val His Gly Val Arg Tyr Gln Cys Tyr
545 550 555 560

Cys Tyr Gly Arg Gly Ile Gly Glu Trp His Cys Gln Pro Leu Gln Thr
565 570 575

Tyr Pro Ser Ser Ser Gly Pro Val Glu Val Phe Ile Thr Glu Thr Pro
580 585 590

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595 600 605

His Ile Ser Lys Tyr Ile Leu Arg Trp Arg Pro Lys Asn Ser Val Gly
610 615 620

Arg Trp Lys Glu Ala Thr Ile Pro Gly His Leu Asn Ser Tyr Thr Ile
625 630 635 640

Lys Gly Leu Lys Pro Gly Val Val Tyr Glu Gly Gln Leu Ile Ser Ile
645 650 655

Gln Gln Tyr Gly His Gln Glu Val Thr Arg Phe Asp Phe Thr Thr Thr
660 665 670

Ser Thr Ser Thr Pro Val Thr Ser Asn Thr Val Thr Gly Glu Thr Thr
675 680 685

Pro Phe Ser Pro Leu Val Ala Thr Ser Glu Ser Val Thr Glu Ile Thr
690 695 700

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Ala Ser Ser Phe Val Val Ser Trp Val Ser Ala Ser Asp Thr Val Ser
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Gly Phe Arg Val Glu Tyr Glu Leu Ser Glu Glu Gly Asp Glu Pro Gln
725 730 735

Tyr Leu Asp Leu Pro Ser Thr Ala Thr Ser Val Asn Ile Pro Asp Leu
740 745 750

Leu Pro Gly Arg Lys Tyr Ile Val Asn Val Tyr Gln Ile Ser Glu Asp
755 760 765

Gly Glu Gln Ser Leu Ile Leu Ser Thr Ser Gln Thr Thr Ala Pro Asp
770 775 780

Ala Pro Pro Asp Pro Thr Val Asp Gln Val Asp Asp Thr Ser Ile Val
785 790 795 800

Val Arg Trp Ser Arg Pro Gln Ala Pro Ile Thr Gly Tyr Arg Ile Val
805 810 815

Tyr Ser Pro Ser Val Glu Gly Ser Ser Thr Glu Leu Asn Leu Pro Glu
820 825 830

Thr Ala Asn Ser Val Thr Leu Ser Asp Leu Gln Pro Gly Val Gln Tyr
835 840 845

Asn Ile Thr Ile Tyr Ala Val Glu Glu Asn Gln Glu Ser Thr Pro Val
850 855 860

Val Ile Gln Gln Glu Thr Thr Gly Thr Pro Arg Ser Asp Thr Val Pro
865 870 875 880

Ser Pro Arg Asp Leu Gln Phe Val Glu Val Thr Asp Val Lys Val Thr
885 890 895

Ile Met Trp Thr Pro Pro Glu Ser Ala Val Thr Gly Tyr Arg Val Asp
900 905 910

Val Ile Pro Val Asn Leu Pro Gly Glu His Gly Gln Arg Leu Pro Ile
915 920 925

Ser Arg Asn Thr Phe Ala Glu Val Thr Gly Leu Ser Pro Gly Val Thr
930 935 940

Tyr Tyr Phe Lys Val Phe Ala Val Ser His Gly Arg Glu Ser Lys Pro
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Leu Thr Ala Gln Gln Thr Thr Lys Leu Asp Ala Pro Thr Asn Leu Gln
          965          970          975
Phe Val Asn Glu Thr Asp Ser Thr Val Leu Val Arg Trp Thr Pro Pro
          980          985          990
Arg Ala Gln Ile Thr Gly Tyr Arg Leu Thr Val Gly Leu Thr Arg Arg
          995          1000          1005
Gly Gln Pro Arg Gln Tyr Asn Val Gly Pro Ser Val Ser Lys Tyr
          1010          1015          1020
Pro Leu Arg Asn Leu Gln Pro Ala Ser Glu Tyr Thr Val Ser Leu
          1025          1030          1035
Val Ala Ile Lys Gly Asn Gln Glu Ser Pro Lys Ala Thr Gly Val
          1040          1045          1050
Phe Thr Thr Leu Gln Pro Gly Ser Ser Ile Pro Pro Tyr Asn Thr
          1055          1060          1065
Glu Val Thr Glu Thr Thr Ile Val Ile Thr Trp Thr Pro Ala Pro
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Arg Ile Gly Phe Lys Leu Gly Val Arg Pro Ser Gln Gly Gly Glu
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Ala Pro Arg Glu Val Thr Ser Asp Ser Gly Ser Ile Val Val Ser
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25775-CZAZA Sequence Listing

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Thr	Ile	Ile	Pro	Ala	Val	Pro	Pro	Pro	Thr	Asp	Leu	Arg	Phe	Thr
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Ala	Val	Val	Leu	Thr	Asn	Leu	Leu	Pro	Gly	Thr	Glu	Tyr	Val	Val
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	1325					1330					1335			
Ser	Asp	Ile	Thr	Ala	Asn	Ser	Phe	Thr	Val	His	Trp	Ile	Ala	Pro
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Arg	Ala	Thr	Ile	Thr	Gly	Tyr	Arg	Ile	Arg	His	His	Pro	Glu	His
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Phe	Ser	Gly	Arg	Pro	Arg	Glu	Asp	Arg	Val	Pro	His	Ser	Arg	Asn
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Gly	Gln	Gln	Ser	Thr	Val	Ser	Asp	Val	Pro	Arg	Asp	Leu	Glu	Val
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25775-CZA ZA Sequence Listing

Val	Ala	Ala	Thr	Pro	Thr	Ser	Leu	Leu	Ile	Ser	Trp	Asp	Ala	Pro
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Gly	Asn	Ser	Pro	Val	Gln	Glu	Phe	Thr	Val	Pro	Gly	Ser	Lys	Ser
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Thr	Val	Tyr	Ala	Val	Thr	Gly	Arg	Gly	Asp	Ser	Pro	Ala	Ser	Ser
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25775-CZAZA Sequence Listing

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25775-CZAZA Sequence Listing

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Leu	Val	Thr	Leu	Pro	His	Pro	Asn	Leu	His	Gly	Pro	Glu	Ile	Leu	
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Asp	Val	Pro	Ser	Thr	Val	Gln	Lys	Thr	Pro	Phe	Val	Thr	His	Pro	
	1985					1990					1995				
Gly	Tyr	Asp	Thr	Gly	Asn	Gly	Ile	Gln	Leu	Pro	Gly	Thr	Ser	Gly	
	2000					2005					2010				
Gln	Gln	Pro	Ser	Val	Gly	Gln	Gln	Met	Ile	Phe	Glu	Glu	His	Gly	
	2015					2020					2025				
Phe	Arg	Arg	Thr	Thr	Pro	Pro	Thr	Thr	Ala	Thr	Pro	Ile	Arg	His	
	2030					2035					2040				
Arg	Pro	Arg	Pro	Tyr	Pro	Pro	Asn	Val	Gly	Gln	Glu	Ala	Leu	Ser	
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Gln	Thr	Thr	Ile	Ser	Trp	Ala	Pro	Phe	Gln	Asp	Thr	Ser	Glu	Tyr	
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Ile	Ile	Ser	Cys	His	Pro	Val	Gly	Thr	Asp	Glu	Glu	Pro	Leu	Gln	
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Phe	Arg	Val	Pro	Gly	Thr	Ser	Thr	Ser	Ala	Thr	Leu	Thr	Gly	Leu	
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Thr	Arg	Gly	Ala	Thr	Tyr	Asn	Ile	Ile	Val	Glu	Ala	Leu	Lys	Asp	
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Gln	Gln	Arg	His	Lys	Val	Arg	Glu	Glu	Val	Val	Thr	Val	Gly	Asn	
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25775-CZAZA Sequence Listing

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Arg Met Ser Glu Ser Gly Phe Lys Leu Leu Cys Gln Cys Leu Gly
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Phe Gly Ser Gly His Phe Arg Cys Asp Ser Ser Arg Trp Cys His
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Asp Asn Gly Val Asn Tyr Lys Ile Gly Glu Lys Trp Asp Arg Gln
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Gly Glu Asn Gly Gln Met Met Ser Cys Thr Cys Leu Gly Asn Gly
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Lys Gly Glu Phe Lys Cys Asp Pro His Glu Ala Thr Cys Tyr Asp
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Asp Gly Lys Thr Tyr His Val Gly Glu Gln Trp Gln Lys Glu Tyr
 2240 2245 2250

Leu Gly Ala Ile Cys Ser Cys Thr Cys Phe Gly Gly Gln Arg Gly
 2255 2260 2265

Trp Arg Cys Asp Asn Cys Arg Arg Pro Gly Gly Glu Pro Ser Pro
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Glu Gly Thr Thr Gly Gln Ser Tyr Asn Gln Tyr Ser Gln Arg Tyr
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His Gln Arg Thr Asn Thr Asn Val Asn Cys Pro Ile Glu Cys Phe
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Met Pro Leu Asp Val Gln Ala Asp Arg Glu Asp Ser Arg Glu
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<211> 7705

<212> DNA

<213> Homo Sapiens

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25775-CZAZA Sequence Listing

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ctggatgatg gtagattgta cttgcctggg agaaggcagc ggacgcatca cttgcacttc	600
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caagaaggat aatcgaggaa acctgctcca gtgcatctgc acaggcaacg gccgaggaga	720
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cgatgttcgt gcagctgttt accaaccgca gcctcacccc cagcctcctc cctatggcca	840
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25775-CZAZA Sequence Listing

catcaaaggc	ctgaagcctg	gtgtggtata	cgagggccag	ctcatcagca	tccagcagta	1980
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25775-CZAZA Sequence Listing

ggctccaccc ccatccattg atttaaccaa cttcctggtg cgttactcac ctgtgaaaaa	3840
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25775-CZA Sequence Listing

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25775-CZA Sequence Listing

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25775-CZA ZA Sequence Listing

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<210> 22	
<211> 71	
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aaaccaacac a	71
<210> 23	
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25775-CZA Sequence Listing

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<213> Artificial Sequence

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<223> Synthetic Probe directed to Human Fibronectin

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<210> 24

<211> 57

<212> DNA

<213> Artificial Sequence

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<223> Synthetic Probe directed to Human Fibronectin

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<210> 25

<211> 60

<212> DNA

<213> Artificial Sequence

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<210> 26

<211> 58

<212> DNA

<213> Artificial Sequence

25775-CZAZA Sequence Listing

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<223> Synthetic Probe directed to Human Fibronectin

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<210> 27

<211> 71

<212> DNA

<213> Artificial Sequence

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<211> 85

<212> DNA

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25775-CZA Sequence Listing

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25775-CZAZA Sequence Listing

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<213> Artificial Sequence

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51

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<211> 51

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<213> Artificial Sequence

<220>

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<211> 27

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<223> Synthetic Probe directed to Human Fibronectin

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<210> 36

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25775-CZA ZA Sequence Listing

<223> Synthetic Probe directed to Human Fibronectin

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<211> 13

<212> DNA

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<220>

<223> Synthetic Probe directed to Human Fibronectin

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<210> 38

<211> 15

<212> DNA

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<220>

<223> Synthetic Probe directed to Human Fibronectin

<400> 38
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<210> 39

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> N-Terminus of Labeled Polypeptide

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25775-CZA ZA Sequence Listing

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<213> Artificial sequence

<220>

<223> N-terminus of Labeled Polypeptide

<400> 40

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